

55. (Amended) The wireless communication system according to claim 41 comprising means for transmitting information from a first wireless communication device (MS1-MS4) to a second wireless communication device (MS1-MS4), and wherein in the mobile communication network (PLMN) comprises means for converting the information to be transmitted into a format suitable for the second wireless communication device (MS1-MS4).

Cancel Claims 56 and 57. The method according to claim 1, further comprising steps for establishing a call for transmitting information from a first wireless communication device (MS1-MS4) to a second communication device (MS1-MS4). 58. A method of manufacturing a wireless communication device (MS1-MS4) in which information for identifying said wireless communication device (MS1-MS4) in a mobile communication network (PLMN) and information relating to at least one property of said wireless communication device (MS1-MS4) is stored in said wireless communication device (MS1-MS4), and wherein an information element for storing said information for identifying said wireless communication device and said information relating to at least one property of the wireless communication device (MS1-MS4) is formed in the wireless communication device (MS1-MS4).

59. A method according to claim 58, in which an International Mobile Station Equipment Identity (IMEI) is defined for and stored in said wireless communication device (MS1-MS4), and wherein the information relating to at least one property of the wireless communication device is stored in the International Mobile Station Identity (IMEI).

REMARKS

Claims 1 - 55 have been amended.

Claims 56 and 57 have been cancelled and Claims 58 and 59 have been added.

Claims 1, 55, 58, and 59 are in the case converted into a format suitable for the second wireless communication device (WS2) in the first communication device (WS1).

REJECTIONS:

It was indicated that the IDS filed with the application on 28 April 2000 was not considered for failure to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each U.S. and foreign patent and each publication, or the part of the publication that caused it to be listed.

Claims 4, 6 - 22, 27, 41, 48, 52, 53, 56, and 57 were objected to for inappropriate spelling of certain of the terms therein, i.e., "characterised", "centre", and "optimised".

Claims 1 - 4, 6, 13 - 29, 37 - 44, and 47 - 57 were rejected under 35 U.S.C. § 102(e) as anticipated by the reference PHILLIPS (U.S. Pat. No. 6,188,898).

Claims 5, 7 - 12, 30 - 36 and 45 - 46 were rejected under 35 U.S.C. § 103(a) as being obvious and unpatentable over the PHILLIPS reference in view of the combination of the reference KURIKI (U.S. Pat. No. 5,765,105).

REPLY:

Firstly, Applicants do not understand what is the specific problem with the legibility of the copies of the cited references in the IDS since the copies in their records are all quite legible. Applicants would be happy to submit a new set of copies but as the total number of pages is somewhat large, if the Examiner can be more specific as to the individual documents, the pertinent pages will be submitted. It is requested that the Examiner call the Applicants' undersigned attorney with the appropriate information and the necessary copies will be promptly sent by fax or mail as desired.

Next, the claims have been appropriately amended to correct the informalities in and better conform their language to U.S. practice and are now submitted to be in keeping with the requirements of the statutes.

With regard to the anticipation rejection based on the teaching of the PHILLIPS reference, Applicants respectfully disagree with the Examiner's understanding of the PHILLIPS disclosure. It is believed that a close reading will show that PHILLIPS discloses a mobile communications network which is adapted to serve mobile terminals having different operating protocols. The disclosed network includes multi-mode base stations each capable of operating selectively in at least some of those operating protocols and each base station has means for interrogating a mobile terminal so as to determine that terminal's operating protocol (see PHILLIPS' Abstract). In contrast, Applicants' invention, as claimed, relates to "storing and informing at least one property of a wireless communication device (MS1 - MS4) to a mobile communication network (PLMN)", and is characterized by storing parameter data representing at least one property of the wireless communication device (MS1- MS4) in the wireless communication device (MS1 - MS4) and transmitting the parameter data from the wireless communication device (MS1 - MS4) to the mobile communication network (PLMN) (e.g., see Claim 1 as filed).

In evaluating the features of the Applicants' invention, it is important to consider the details of the interrogation performed according to PHILLIPS, as the Examiner appears to equate that interrogation process with the transmission of parameter data according to the Applicants' invention. However, this equating is not at all justified, as PHILLIPS does not disclose, nor does he suggest that, any parameter data is transmitted from the mobile terminal. In fact, PHILLIPS states that, in a mobile originated call, the operating protocol employed by a particular mobile terminal is determined "from the frequency band and the format of the request signal" (see Col. 3, lines 41 to 45). Furthermore, at Col. 3, lines 50 to 52, PHILLIPS states that "Measurement of the particular frequency employed by the mobile terminal establishes the required protocol for communication with the terminal". Thus, according to PHILLIPS' teaching, for a mobile originated call, the operating protocol of a mobile terminal is determined by measurements on the radio path made at a receiving base station, not by receiving parameter data transmitted from the mobile terminal. In the mobile terminated call set-up, information regarding the operating protocol employed by the receiving terminal is retrieved from the terminal's home location register (see Col.

3, line 65, to Col. 14, line 8). Again, this does not involve receiving parameter data transmitted from the mobile terminal.

It is noted that the PHILLIPS reference does include a claim (Claim 7) stating that the operating protocol of a mobile terminal requesting service is determined by negotiation between the network and the mobile terminal (see Col. 6, lines 4 to 6). However, the technical description provides no teaching or suggestion as to how this negotiation might be achieved and there is certainly no reference to parameter data in this context.

It is well recognized that "to constitute an anticipation, all material elements recited in a claim must be found in one unit of prior art", Ex Parte Gould, BPAI, 6 USPQ 2d, 1680, 1682 (1987), citing with approval In re Marshall, 578 F.2d 301, 304, 198 USPQ 344, 346 (CCPA 1978). Anticipation requires that every element of the claimed invention be previously "described in a single reference." Scripps Clinic & Research Found. v. Genentech, Inc., 927 F.2d 1565, 1576 (Fed. Cir. 1991). It should be seen then from the foregoing considerations that PHILLIPS fails to teach, in a mobile communication network, the storing of parameter data representing at least one property of a wireless communication device in the wireless communication device and transmitting that parameter data from the wireless communication device to the mobile communication network. Accordingly, it is submitted that PHILLIPS teaching does not anticipate Applicants' invention as now defined in Claim 1 and the other claims herein.

Turning to the rejections under 35 U.S.C. § 103(a), given the considerations of the lack of applicability of the PHILLIPS teaching to Applicants' invention discussed above, the contribution of the teaching of the KURIKI reference must be evaluated to determine whether it can make up for what is lacking to produce a combination of teachings rendering Applicants' invention obvious to those of skill in the art. KURIKI appears to disclose a communication system in which subscriber identity modules (SIMs), implemented as cards and mounted in mobile stations (MSs), share a single international mobile subscriber identify (IMSI). When any one of the MSs generates an authentication and registration request, a mobile services switching center (MSC) at a home station writes information representative of the combination of the IMSI

and the international mobile equipment identity (IMEI) of the mobile station in question in a home location register (see KURIKI's Abstract). The Examiner contends that it would have been obvious for one of ordinary skill in the art to combine KURIKI's teaching with those of PHILLIPS and arrive at Applicants' invention as claimed, e.g., in claim 7 as filed. Applicants respectfully disagree that this is the case, for the following reasons. (MS1-MS4, S1, S2), further comprising means for converting the information to be transmitted into a format suitable for the second wireless communication device (MS1-MS4, S1, S2) based on combination of the subscriber identity information and terminal identification information for identifying a communication terminal. (see Col. 2, lines 10 to 15). In general terms, and as presently defined in Applicants' claims, the specification discloses the formation of an information element comprising information for identifying a wireless communication device and information relative to at least one property of the wireless communication device. It should be appreciated that the combination information referred to by KURIKI is stored in the communications network, not in the mobile terminal. This can be clearly understood from the detailed description of KURIKI's invention provided in his specification and specifically from Col. 4, lines 52 to 54, where it is stated that "...the MSC 81 registers information representative of the IMSI and the IMEI combination at an authentication area defined in the HLR". As is well known to those skilled in the art, the HLR is located in the communication network. Furthermore, it is clear from the specification that in KURIKI's invention combination information is not stored in the mobile terminal. Figures 1a and 1b show how the IMSI and the IMEI are stored separately in the terminal. In fact, only the IMEI is stored in the terminal and the IMSI is actually stored in a SIM attached to the terminal (i.e., not strictly within the terminal at all).

It should further be noted that KURIKI's combination information relates only to identification information, that is, information for identifying either the mobile subscriber (IMSI) or the mobile equipment (IMEI). KURIKI certainly does not suggest the combination of identification information with other types of information, such as those referred to in Applicants' claims.

specification as which describes the properties of a wireless communication device (MS1-MS4)

to said mobile communication network (PLMN); and
Regarding the Examiner's contention that those of skill would be motivated to combine KURIKI's teachings with those of PHILLIPS in a manner wherein that would achieve Applicants' invention, Applicants believe, in view of the arguments set forth above relating to the inapplicability of the teachings of these two references to their invention, that it is clear that such a motivation cannot be found in these references and does not exist. By way of a specific example, PHILLIPS does not disclose the transmission of parameter data and KURIKI does not disclose the storage of combination information in a mobile terminal. Thus, on the combination of KURIKI's teachings with those of PHILLIPS cannot possibly lead to a teaching of a method, apparatus, or system equivalent to those of Applicants' invention and as presently defined in the claims. If a combination of PHILLIPS' and KURIKI's teachings were attempted, the result would most likely be a communications network having the capability of identifying the operating protocol of a mobile terminal from the frequency band and format of a registration request received from the mobile terminal, as well as the ability of allowing mobile subscribers with identical IMSIs to communicate within the network. This would not provide an approach to Applicants' invention. Further comprising means (ANT.12) for transmitting said information relating to at least one property of the wireless communication device from said wireless communication device (MS1-MS4) to the communication network for use in connection with the capability of identifying the operating protocol of a mobile terminal from the frequency band and format of a registration request received from the mobile terminal, as well as the ability of allowing mobile subscribers with identical IMSIs to communicate within the network. This would not provide an approach to Applicants' invention. Further comprising means (ANT.12) for transmitting said information relating to at least one property of the wireless communication device from said wireless communication device (MS1-MS4) to the communication network for use in connection with the capability of allowing mobile subscribers with identical IMSIs to communicate within the network. This would not provide an approach to Applicants' invention. Accordingly, for the foregoing reasons, it is submitted that all of the present claims in the application are clearly novel and patentable over the prior art and in proper form for allowance, so that a prompt reconsideration of the rejections, allowance of the claims and passage to issue of this application is respectfully requested. Amended The wireless communication system according to claim 1, further comprising means for tracking the information A two-month extension of time to respond to the outstanding Office Action is hereby petitioned and a check in the amount of \$400.00 is enclosed to determine if it is appropriate for the fee during call setting with said wireless communication device (MS1-MS4), and No further fee is believed to be necessary for the entry of this Amendment, but if any such fee has been overlooked, the Commissioner is hereby requested and authorized to charge any other fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

The wireless communication system

As there was no indication in the cited Office Action that the drawings filed with the application were defective, no further drawings will be filed upon allowance of the case. the wireless communication device from said wireless communication device (MS1-MS4) to the mobile communication network (PLMN) in connection with a handover.

Thomas P. Dowd (Twice Amended) The wireless communication system according to claim 41, wherein said system (15, 3) for storing the information relating to at least one property of the wireless communication device comprises an **Telephone (203) 259-1800** Station 4251 Post Road, Suite 101 (IMEI). **Fax. (203) 255-5170**
Fairfield, CT 06430
Customer No.: 2512

47. (Twice Amended) The wireless communication system according to claim 41, wherein the mobile communication network (PLMN) comprises means for storing information relating to at least one property of the wireless communication device (MS1-MS4).
CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

48. (Amended) The wireless communication system according to claim 47, comprising a mobile services switching center (MSC1), wherein the information relating to at least one property of the wireless communication device is stored in said MSC1.
Date: Oct 30, 2001 **Signature: Stewart Murphy**
Person Making Deposit

49. (Twice Amended) The wireless communication system according to claim 47, comprising a register (GR), and wherein the information relating to at least one property of the wireless communication device is stored in said register (GR).

50. (Amended) The wireless communication system according to claim 41, further comprising means for communication between the wireless communication device (MS1-MS4) and the mobile communication network (PLMN), wherein the information relating to at least one property of the wireless communication device is stored in said means for communication.

45. (~~The~~Amended) The method according to claim 3, wherein ~~[characterised in that] the [parameter data] information relating to at least one property of the wireless communication device is checked to determine if it is appropriate for the type of call during call set-up with (said) wireless communication device (MS1-MS4) or~~ and wherein a call is not established if the [parameter data] information relating to at least one property of the wireless communication device is not appropriate for the type of call.

Cancel Claims 56 and 57.

5. (Twice Amended) The method according to claim 1, wherein ~~[characterised in that] said [parameter data] information relating to at least one property of the wireless communication device is transmitted from said wireless communication device (MS1-MS4) to the mobile communication network in connection with a handoverless communication device (MS1-MS4) in a mobile communication network (PLMN).~~ 6. (~~Twice~~Amended) The method according to claim 1, wherein ~~[characterised in that] the [parameter data] information relating to at least one property of the wireless communication device is transmitted to a mobile services switching [centre] center (MSC) of the mobile communication network (PLMN), or a gate serving GPRS support node (SGSN).~~

7. (Twice Amended) The method according to claim 1, in which method an international Mobile Station Equipment Identity (IMEI) is defined for said wireless communication device (MS1-MS4), and wherein [characterised in that] the [parameter data] information relating to at least one property of the wireless communication device is stored in the International Mobile Station Identity (IMEI).

8. (Amended) The method ~~according~~ according to claim 7, wherein ~~[characterised in that] the International Mobile Station Equipment Identity (IMEI) comprises at least one field for storing the [parameter data] information relating to at least one property of the wireless communication device, and [that] the length of said~~

field is fixed. 58, and 59 are in the case.

9. (Amended) The method according to claim 7, wherein
[characterised in that] the International Mobile Station Equipment
Identity (IMEI) comprises at least one field for storing the
[parameter data] information relating to at least one property of
the wireless communication device, and [that] the length of said
field is variable.

Claims 4, 6 - 22, 27, 41, 48, 52, 53, 56, and 57 were objected to
for 10. (Twice Amended) The method according to claim 7, wherein
[characterised in that] the International Mobile Station Equipment
Identity (IMEI) is divided into a non-modifiable part and a
modifiable part, and [that] at least part of the [parameter data]
information relating to at least one property of the wireless
communication device is stored in said modifiable part.

Claims 5, 7 - 12, 20 - 26 and 45 - 46 were objected under 35 U.S.C.
§ 1011. (Twice Amended) The method according to claim 7, wherein
[characterised in that] the International Mobile Station Equipment
Identity (IMEI) is stored in connection with manufacturing of the
wireless communication device (MS1-MS4).

12. (Twice Amended) The method according to claim 7, wherein
[characterised in that] the International Mobile Station Equipment
Identity (IMEI) is updated in connection with a change[s of] in the
properties of the wireless communication device (MS1-MS4); it can be
more specific as to the individual device and the pertinent pages
will 13. (Twice Amended) The method according to claim 1, wherein
[characterised in that] the [parameter data] information relating
to at least one property of the wireless communication device
transmitted from said wireless communication device (MS1-MS4) is
stored at least in the mobile services switching [centre] center
(MSC1) of the mobile communication network (PLMN).

14. (Twice Amended) The method according to claim 1, wherein
[characterised in that] the [parameter data] information relating

to at least one property of the wireless communication device is stored temporarily in the mobile communication network (PLMN). the PHILLIPS reference. Applicants respectfully disagree with the Examiner's understanding of the PHILLIPS disclosure. It is

believed that a close reading will show that PHILLIPS discloses a mobile communications network which is adapted to serve mobile terminals having different operating protocols. The disclosed system comprises at mobile phone stations each capable of operating selectively in at least some of those operating protocols and each base station has means for interrogating a mobile terminal so as to

determine that terminal's operating protocol (see PHILLIPS' Abstract). In contrast, Applicants' invention, as claimed, relates to a method of relating at least one property of a wireless communication device (MS1 - MS4) to a mobile communication network (PLMN).

17. (Twice Amended) The method according to claim 1, wherein [characterised in that] the wireless communication device (MS1-MS4) device (MS1- MS4) in the wireless communication device (MS1 - MS4) [is] comprises a radio card, and transmitting the parameter data from the wireless communication device (MS1 - MS4) to the mobile communication network (PLMN).

18. (Twice Amended) The method according to claim 1, wherein [characterised in that] the [parameter data] information relating to at least one property of the wireless communication device contains information about [the] at least one hardware property[ies] of the wireless communication device (MS1-MS4). data according to the Applicants' invention. However, this equating is

not 19. (Twice Amended) The method according to claim 1, wherein [characterised in that] the [parameter data] information relating to at least one property of the wireless communication device contains information about [the] at least one software property[ies] of the wireless communication device (MS1-MS4).

20. (Twice Amended) The method according to claim 1, wherein [characterised in that] the [parameter data] information relating to at least one property of the wireless communication device contains information about [the] at least one preference[s] of the user of the wireless communication device (MS1-MS4).

21. (Twice Amended) The method according to claim 1, wherein [characterised in that] modification of the [parameter data]

information relating to at least one property of the wireless communication device by the user of the wireless communication device (MS1-MS4) is prevented.

It is noted that the PHILLIPS reference does include a claim (Claim 7) stating that the operating protocol of a mobile terminal requesting service is determined by negotiation between the network comprising steps for establishing a call to for transmitting information from a first communication device (MS1-MS4) to a second communication device (MS1-MS4, S1, S2), [characterized in that] wherein said second communication device is a wireless communication device (MS1-MS4), and [that] the information is [optimized] optimized for use by the second communication device, by using the [parameter data] information relating to at least one property of the second wireless communication device.

22. (Twice Amended) The method according to claim 1, further comprising steps for performing communication between the mobile communication network (PLMN) and another communication device (MS1-MS4, S1, S2), [characterized in that] wherein [the parameter data] representing at least one property of a wireless communication device in the wireless communication network is transmitted to said another communication device (MS1-MS4, S1, S2). Accordingly, it is submitted that PHILLIPS teaching does not anticipate Applicant's invention as now defined in Claim 1 and the other claims here.

23. (Twice Amended) The method according to claim 1, further comprising steps for performing communication between the mobile communication network (PLMN) and another communication network (PSTN, PDN), [characterized in that] parameter data wherein information relating to at least one property of the wireless communication device is transmitted to said another communication network (PSTN, PDN).

24. (Twice Amended) The method according to claim 1, further comprising steps for performing communication between the mobile communication network (PLMN) and another communication network (PSTN, PDN), [characterized in that] parameter data wherein information relating to at least one property of the wireless communication device is transmitted to said another communication network (PSTN, PDN).

25. (Amended) The method according to claim 1, wherein information is transmitted from a first communication device (MS1) to a second communication device (MS2), [characterized in that] and wherein said second communication device is a wireless communication device (MS1-MS4), and [that] information to be

transmitted is converted into a format suitable for the second wireless communication device (MS2) in the first communication device (MS1). The Examiner contends that it would have been obvious for one of ordinary skill in the art to combine KURIKI's teaching with those of PHILLIPS and arrive at Applicants' invention as claimed. 26. (Amended) The method according to claim 1, wherein information is transmitted from a first communication device (MS1) to a second communication device (MS2), [characterized in that] and wherein said second communication device is a wireless device holds combination information representative of the communication device (MS1-MS4), and [that] information to be transmitted is converted into a format suitable for the second wireless communication device (MS2) in the communication network (PLMN). Presently defined in Applicants' claims, the specification discloses the formation of an information element comprising information for identifying a wireless communication device and information relative to at least one property of the wireless communication device. 27. (Amended) A wireless communication device (MS1-MS4) comprising: (5, 12) for informing at least one property of said wireless communication device (MS1-MS4) to the mobile communication network (PLMN), characterized in that the wireless communication device (MS1-MS4) further comprises:
1. means (5,9) for storing information for identifying said wireless communication device (MS1-MS4) in the mobile communication network (PLMN) in the mobile communication device (MS1-MS4); As is well known to those skilled in the art, the MS is located in the communication network. Furthermore, it is clear from the specification that in KURIKI's invention combination information is not means (5,12) for transmitting said information for the IMSI identifying said wireless communication device (MS1-MS4) fact, only from the wireless communication device (MS1-MS4) to the mobile communication network (PLMN); i.e. not strictly within the terminal at all.

It should be noted that KURIKI's combination information relating to [representing said] at least one property of the wireless communication device (MS1-MS4), and the mobile equipment IMSI. KURIKI certainly does not suggest the combination of identification information with other types of information, such as those relating to in Applicants' means (5, 12) for transmitting [the parameter data] said information relating to at least one property of the

spec~~ified~~ wireless communication device ~~from the of wireless~~ communication device (MS1-MS4) to said mobile

communication network (PLMN). [...] Regarding the Examiner's contention that those of skill would be motivated to combine KURIKI's teachings with those of PHILLIPS in a manner that would result in Applicants' invention, Applicants believe information for identifying said wireless communication device and said information relating to at least one property of the wireless communication device (MS1-MS4) is formed in the wireless communication device (MS1-MS4). By way of a specific example, PHILLIPS does not disclose the transmission of parameter data and KURIKI does not disclose the storage of combination

28. (Amended) The wireless communication device (MS1-MS4) according to claim 27, [characterized in that it comprises] further comprising means (ANT, 12) for transmitting said [parameter data] information relating to at least one property of the wireless communication device to the mobile communication network in connection with registration of said wireless communication device (MS1-MS4) to the mobile communication network (PLMN). a registration request received from the mobile terminal, as well as the ability of allowing mobile subscribers with identical IMSIs to communicate within the network. This would not provide an approach to 29. (Twice Amended) The wireless communication device (MS1-MS4) according to claim 27, [characterized in that it comprises] further comprising means (ANT, 12) for transmitting said [parameter data] information relating to at least one property of the wireless communication device to the mobile communication network prior to a call being set-up with said wireless communication device (MS1-MS4). and passage to issue of this application is respectfully requested.

30. (Twice Amended) The wireless communication device (MS1-MS4) according to claim 27, [characterized in that it comprises] further comprising means (ANT, 12) for transmitting said [parameter data] information relating to at least one property of the wireless communication device transmitted from said wireless communication device (MS1-MS4) to the mobile communication network in connection with a handover. hereby requested and authorized to charge any other fees associated with this communication to credit any over payment to Deposit Account No. 18-1359.

31. (Amended) The wireless communication device (MS1-MS4)

according to claim 27 at [30] comprising an International Mobile Station Equipment Identity (IMEI), [characterized in that] wherein the [parameter data] information relating to at least one property of the wireless communication device is stored in the International Mobile Station Equipment Identity (IMEI).

32. (Amended) The wireless communication device (MS1-MS4) according to claim 31, [characterized in that] wherein the International Mobile Station Equipment Identity (IMEI) comprises at least one field for storing the [parameter data] information relating to at least one property of the wireless communication device, the length of said field being fixed.
Thomas P. Dowd Date
Reg. No. 24, 588
Fairfield, CT 06430
Customer No.: 2512

33. (Amended) The communication device (MS1-MS4) according to claim 31 [32], [characterized in that] wherein the International Mobile Station Equipment Identity (IMEI) comprises at least one field for storing the [parameter data] information relating to at least one property of the wireless communication device, said field being of a variable length.
the United States Postal Service on the data indicated below as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

34. (Twice Amended) The wireless communication device (MS1-MS4) according to claim 31, [characterized in that] wherein the International Mobile Station Equipment Identity (IMEI) is divided into a non-modifiable part and a modifiable part, and [that] at least part of the [parameter data] information relating to at least one property of the wireless communication device is stored in said modifiable part.
Person Making Deposit

35. (Amended) The wireless communication device (MS1-MS4) according to claim 31, [characterized in that] wherein the International Mobile Station Equipment Identity (IMEI) is stored in connection with manufacturing of the wireless communication device (MS1-MS4).

36. (Amended) The wireless communication device (MS1-MS4)

according to ~~claim 31~~ ^{Marked Up Claim(s)} ~~31~~ ^{349/560} ~~characterized in that~~ wherein the International Mobile Station Equipment Identity (IMEI) is updated in connection with a change ^{Marked Up Claim(s)} ~~[s of]~~ in the properties of the wireless communication device (MS1-MS4).

1. (Amended) A method for storing and informing at least one property of a wireless communication device (MS1-MS4) to a mobile

37. (Amended) The wireless communication device (MS1-MS4) communication network (PLMN), in which information for identifying according to claims 27, ~~[characterized in that it is]~~ wherein the said wireless communication device (MS1-MS4) in the mobile device comprises a mobile phone.

communication network (PLMN) is stored in the wireless communication device and information relating to[, characterized in

38. (Amended) The wireless communication device (MS1-MS4) that parameter data representing said] at least one property of according to claim 27, ~~[characterized in that it is]~~ wherein the said wireless communication device (MS1-MS4) is stored in said device comprises a Communicator.

wireless communication device (MS1-MS4), and transmitted from said wireless communication device (MS1-MS4), to the mobile communication

39. (Amended) The wireless communication device (MS1-MS4) network (PLMN), wherein an information element for storing said according to claim 27, ~~[characterized in that it is]~~ wherein the information for identifying said wireless communication device and device comprises a radio card.

said information relating to at least one property of the wireless communication device (MS1-MS4) is formed in the wireless

40. (Twice Amended) The wireless communication device (MS1-MS4) according to claim 27 comprising means for transmitting

information to the mobile communication network (PLMN) to be

2. (Amended) The method according to claim 1, ~~[characterized in that]~~ wherein said ~~[parameter data]~~ information relating to at MS4, S1, S2), ~~[characterized in that the wireless communication device (MS1-MS4) comprises]~~ further comprising means for converting transmitted from said wireless communication device (MS1-MS4) to the information to be transmitted into a format suitable for the the mobile communication network in connection with registration of second wireless communication device (MS1-MS4, S1, S2) based on said wireless communication device (MS1-MS4) to the mobile ~~[parameter data]~~ information relating to at least one property of communication network (PLMN).

the wireless communication device received from said second wireless communication device.

3. (Twice Amended) The method according to claim 1, wherein ~~[characterized in that]~~ said ~~[parameter data]~~ information relating

41. (Amended) A wireless communication system comprising: to at least one property of the wireless communication device is ~~[at least]~~ a mobile communication network (PLMN);[,]

transmitted from said wireless communication device (MS1-MS4) to the mobile communication network prior to a call being set-up with a wireless communication device (MS1-MS4);[,and] said wireless communication device (MS1-MS4)

means (5,9) for storing information for identifying said

wireless communication device (MS1-MS4) to the mobile wherein
 [characterized in that] the network (PLMN) relating
 to a communication device (MS1-MS4) wireless communication device is
 checked to determine if it is appropriate for the type of call
 during means (5/12) for transmitting at least one property of (MS1-
 MS4) transmitting said information for identifying said data
in wireless communication device (MS1-MS4) from the wireless
communication device (MS1-MS4) to the mobile.

communication network (PLMN), [characterized in that the
 system comprises] and further comprising: to claim 1, wherein
 [characterized in that] said [parameter data] information relating
 to a means (5/9) for storing the parameter data in information is
relating to [representing said] at least one property of (54) to
 the wireless communication device (MS1-MS4) in the.

wireless communication device (MS1-MS4), and

6. (Twice Amended) The method according to claim 1, wherein
 [characterized in that] for transmitting the parameter data said relating
 to a information relating to at least one property of the is
wireless communication device from the wireless (MSC1)
 of communication device (MS1-MS4) to, said mobile GPRS
supp communication network (PLMN); and [.]

wherein an information element for storing said which
method information for identifying said wireless communication is
device and said information relating to at least one, and
where property of the wireless communication device (MS1-MS4) relation
relates formed in the wireless communication devices (MS1-MS4) relation
device is stored in the International Mobile Station Identity
 (IMEI) 42. (Amended) The wireless communication system according to
 claim 41, [characterized in that it comprises] further comprising
 means (ANT, 12) for transmitting said [parameter data] information
relating to at least one property of the wireless communication
device from said wireless communication device (MS1-MS4) to the
communication network (PLMN) in connection with registration of
said wireless communication device (MS1-MS4) to the mobile.

communication network (PLMN).

43. (Twice Amended) The wireless communication system according to claim 41, characterized in that it comprises further comprising means (ANT, 12) for transmitting said information relating to at least one property of the wireless communication device from said wireless communication device (MS1-MS4) to the mobile communication network (PLMN) prior to a call being set-up with said mobile communication network (PLMN).

10. (Twice Amended) The method according to claim 7, wherein [characterized in that it comprises] further comprising means (5) for checking the [parameter data] information relating to at least one property of the wireless communication device to determine if it is appropriate for the type of call during call set-up with said wireless communication device (MS1-MS4), and wherein a call is not established if the [type of parameter data] information relating to at least one property of the wireless communication device is not appropriate for the type of call of the wireless communication device (MS1-MS4).

45. (Twice Amended) The wireless communication system according to claim 41, characterized in that it comprises further comprising means (ANT, 12) for transmitting said [parameter data] information relating to at least one property of the wireless communication device from said wireless communication device (MS1-MS4) to the mobile communication network (PLMN) in connection with a handover. (Twice Amended) The method according to claim 1, wherein [characterized in that] the [parameter data] information relating to 46. (Twice Amended) The wireless communication system according to claim 41, characterized in that wherein said means (5, 9) for storing the [parameter data] information relating to at least one property of the wireless communication device comprises an International Mobile Station Equipment Identity (IMEI).

47. (Twice Amended) The wireless communication system according to claim 47, wherein (Twice Amended) The wireless communication system

~~according to claim 41~~ (characterized in that) wherein the mobile communication network (PLMN) comprises means (MSC1) for storing the [parameter data] information relating to at least one property of the wireless communication device received from said wireless communication device (MS1-MS4) wireless communication device (MS1-MS4, S3) [is] comprises a mobile phone.

48. (Amended) The wireless communication system according to claim 147, comprising a mobile services switching (centre) ~~center~~ (MSC1) ~~act~~ (characterized in that) the [parameter data] wherein the information relating to at least one property of the wireless communication device is stored in said mobile services switching [centre]. ~~center~~ (MSC1) (ed)

The method according to claim 1, wherein [characterised in that] the wireless communication device (MS1-MS4) [is]

~~49. (Twice Amended)~~ The wireless communication system according to claim 47, comprising a register (GR) [, characterized in that] the [parameter data] and wherein the information relating to at least one property of the wireless communication device is stored in said register (GR) of the wireless communication device contains information about [the] at least one hardware ~~prop~~ 50. (Amended) The wireless communication system according to claim 41 [47], further comprising means for communication between the mobile communication network (PLMN) and another communication device (MS1-MS4, S1, S2), and wherein [characterized in that] the mobile communication network (PLMN) comprises means (MSC) for transmitting the [parameter data] information relating to at least one property of the wireless communication device to said another communication device (MS1-MS4, S1, S2).

20. (Twice Amended) The method according to claim 1, wherein [characterized in that] the wireless communication system according to claim 41 [47], and further comprising means for communication between the communication network (PLMN) and another communication network (PSTN, PDN), and wherein [characterized in that] the mobile communication network [PLMN] comprises means (MSC1) for transmitting the [parameter data] information relating to at least one property of the wireless communication device to

~~another communication network (PSTN, PDN) property of the wireless communication device by the user of the wireless communication device.~~
~~52. (Amended) The wireless communication system according to claim 41, further comprising means for establishing a call for communication between the wireless communication device (MS1-MS4) and another communication device (MS1-MS4, S1, S2) for [characterized in that] wherein a the communication is [optimised] optimized by using the [parameter data] information relating to at least one property of the wireless communication device is a wireless communication device (MS1-MS4), and [that] the information is [opti~~
~~53. (Amended) The wireless communication system according to claim 41, further comprising means for establishing a call for transmitting and receiving information between the wireless communication device (MS1-MS4) and another communication device (MS1-MS4, (S1, S2) and and wherein of characterized claim that] the information is [optimised] optimized for use by the receiving communication device, (by using the [parameter data] information relating to) at least one property of the wireless communication device is transmitted to another communication device.~~
~~54. (Amended) The wireless communication system according to claim 41 comprising means for transmitting information from a first wireless communication device (MS1-MS4) to a second wireless communication device (MS1-MS4), [characterized in that] and wherein the first wireless communication device (MS1) comprises means for converting the information to be transmitted into a format suitable for the second wireless communication device (MS1-MS4). a wireless communication device is transmitted to another communication network.~~
~~55. (Amended) The wireless communication system according to claim 41 comprising means for transmitting information from a first wireless communication device (MS1-MS4) to a second wireless communication device (MS1-MS4), [characterized in that] and wherein the mobile communication network (PLMN) comprises means for converting the information to be transmitted into a format suitable for the second wireless communication device (MS1-MS4).~~

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.